

Claims

1. Improvements to the subject of the main patent No. 200102210 for an "Auxiliary element for the segmental distalisation of the canine-to-molar posterior maxillary area in orthodontic treatments", characterised in that the ball joint of the median segment is spherical with two diametrically opposed planar faces in the position of polar segments of the sphere.
2. Improvements to the subject of the main patent No. 200102210 for an "Auxiliary element for the segmental distalisation of the canine-to-molar posterior maxillary area in orthodontic treatments", according to claim 1, characterised in that the arm of the median segment is joined to the ball joint, forming a small acute angle.
3. Improvements to the subject of the main patent No. 200102210 for an "Auxiliary element for the segmental distalisation of the canine-to-molar posterior maxillary area in orthodontic treatments", according to claim 1, characterised in that the recess of the distal segment intended to receive the ball joint has a form which partially mates with that of the ball joint, with a width between faces which is somewhat greater than the width between the faces of the ball joint so as to allow the lateral play thereof and play on the axis of the median arm and with a dimension of the inlet orifice of said recess smaller than the diameter of the ball joint so as to allow the ball joint to be pressed in and to prevent the subsequent accidental egress thereof.